

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	6	((("5640343") or ("6317375") or ("6356477")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 08:39
S3	612	(word adj line) (bit adj line) (pinned adj layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/29 07:49
S4	5	(global adj word adj line) (bit adj line) (pinned adj layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/29 09:40
S5	424	(global adj word adj line) (bit adj line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/29 09:43
S6	5	"6879505"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/29 11:48
S8	424	(global adj word adj line) (bit adj line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/29 11:49
S7	981	(MRAM or magnetic) adj (RAM or memory) adj4 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/29 11:49
S10	6	S7 S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/29 11:52

## EAST Search History

S13	449	S7 S11 (switch\$3 or select\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/29 11:53
S12	464	S7 S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/29 11:53
S11	44376	(word adj line) (bit adj line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/29 11:53
S14	253	S7 S11 (switch\$3 or select\$3) (MTJ or (magnetic adj tunnel\$3 adj junction))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/29 11:54
S15	247	S7 S11 (switch\$3 or select\$3) (MTJ or (magnetic adj tunnel\$3 adj junction)) (layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/29 11:55
S16	98	S7 S11 (switch\$3 or select\$3) (MTJ or (magnetic adj tunnel\$3 adj junction)) (diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/29 12:34
S18	80	(LIN-WEN-CHI LIN-WEN-CHIANG-H LIN-WEN-CHIEH LIN-WEN-CHIEN LIN-WEN-CHIH LIN-WEN-CHIN LIN-WEN-CHUAN LIN-WEN-CHUN LIN-WEN-CHUNG LIN-WEN-CHYI LIN-WEN-DON).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/14 08:44
S22	64	global adj3 line (word adj line) (bit adj line) (MRAM) (MTJ)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/14 08:45

## EAST Search History

S21	102	global adj3 line (word adj line) (bit adj line) (MRAM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/14 08:45
S20	1	S18 global adj2 line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/14 08:45
S24	11	S23 segment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/14 10:08
S23	42	S22 (switch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/14 10:08
S25	17	S23 segment\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/14 12:04
S26	412	(global or main) adj2 (((bit or data) and word) adj line) or ((bitline or dataline) and wordline))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/14 12:06
S27	1884	((diode and transistor) adj2 switch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/17 07:34
S29	4	((diode and transistor) adj2 switch) memor\$3 MTJ	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/17 07:35

## EAST Search History

S28	340	((diode and transistor) adj2 switch) memor\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/17 07:38
S31	1619	(diode transistor) memor\$3 NMOS word adj line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/17 07:42
S30	18	((diode and transistor) adj2 switch) memor\$3 NMOS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/17 07:42
S32	1243	(diode transistor) memor\$3 NMOS word adj line bit adj line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/17 09:28
S34	15	(super adj diode) memor\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/17 09:29
S37	157	(diode near5 replac\$3 near5 transistor) memor\$3 ("365".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/17 09:30
S36	489	(diode near5 replac\$3 near5 transistor) memor\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/17 09:30
S35	1904	diode near5 replac\$3 near5 transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/17 09:30

## EAST Search History

S40	3585	(365/230.03).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 14:04
S39	24	S38 ((main or global) adj ((word adj line) or wordline))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/17 14:04
S38	1558	(365/171).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 14:04
S43	4	S42 MTJ	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/17 14:05
S42	44	S40 ((main or global) adj ((word adj line) or wordline)) ((main or global) adj ((bit adj line) or bitline))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/17 14:05
S41	379	S40 ((main or global) adj ((word adj line) or wordline))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/17 14:05
S44	6	S42 (((magnetic or magneto) adj tunnel\$4 adj junction) or MTJ)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/10/17 14:07
S48	498	(365/175).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 10:25

## EAST Search History

S47	934	(365/173).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 10:25
S46	1644	(365/171).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 10:25
S45	1390	(365/158).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 10:25
S53	16	S48 (segment\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/02/08 10:26
S51	6	S47 (segment\$5 near (bitline or (bit adj line)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/02/08 10:26
S50	11	S46 (segment\$5 near (bitline or (bit adj line)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/02/08 10:26
S54	17	(S49 or S50 or S51 or S53) (diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/02/08 10:27
S49	13	S45 (segment\$5 near (bitline or (bit adj line)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/02/08 10:27

## EAST Search History

S55	3426	(365/130,158,171,172,173).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/29 11:41
S56	27274	(MRAM or MTJ or SDT or GMR or CMR or TMR or (magnetic adj tunnel adj junction))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/29 11:42
S57	4	("6272041" or "6097625").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/29 11:44
S58	61	("5347485"   "5361226"   "5448515"   "5640343"   "5768181"   "5793697").PN. OR ("6097625").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/29 11:49
S61	183	S55 S56 S60	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/29 12:25
S60	717235	segment\$5	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/29 12:25
S62	430169	diode	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/29 12:26
S64	26	(S55 S56 S58) diode	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/29 12:27
S63	37	S61 S62	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/29 12:27
S59	41	(S55 S56 S58)	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/29 12:27
S66	5515	@ad<"20040216" MRAM	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/29 20:02

## EAST Search History

S68	1261	S66 S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/29 20:04
S71	3	S66 S69 S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/29 20:05
S67	3882	(365/148,158,171,172,173,242, 243).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 20:05
S75	0	S65 S70 S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/29 20:06
S74	0	S66 S70 S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/29 20:06
S73	31	S70 S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/29 20:06
S72	219	(365/243).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 20:06



## EAST Search History

S70	3577	(365/148,158,171,172,173).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 20:06
S69	339	(365/242,243).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 20:06
S76	27664744	@ad<"200402016"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/29 20:07
S65	4737	@ad<"16022004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/29 20:07
S78	1	MTJ S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/29 20:11
S77	3	S73 S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/29 20:11
S79	5	("6385075"   "6552409"   "6567295"   "6646912").PN. OR ("6980465"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/29 20:14
S1	1	"10/780171".app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/30 10:31

## EAST Search History

S82	2159	(takada or kuroiwa or haiyama).in. (mitsubishi).asn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/30 10:35
S81	3	"2003208785"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/30 10:35
S85	8	(takada or kuroiwa or haiyama).in. MRAM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/30 10:36
S84	1	(takada or kuroiwa or haiyama).in. (mitsubishi).asn. MRAM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/30 10:36
S83	0	(takada or kuroiwa or haiyama).in. (mitsubishi).asn. MRAM diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/30 10:36
S80	4	(first second) adj (diode or current\$1steering or (current adj steering)) with (MTJ or MRAM or (magnetic adj2 memor\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/30 10:38
S86	4	(first second) adj (diode) with (MTJ or MRAM or (magnetic adj2 memor\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/30 10:39
S87	15	(first or second) adj (diode) with (bit\$1line\$1 or word\$1line\$1 or column\$1line\$1 or row\$1line\$1 or ((bit or word or column or row) adj line\$1)) (MTJ or MRAM or (magnetic adj2 memor\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/11/30 10:40
S89	1	10/702655.app.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/30 10:45

## EAST Search History

S88	65	("5347485"   "5361226"   "5448515"   "5640343"   "5768181"   "5793697").PN. OR ("6097625").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/30 10:45
L1	2542	(365/243,171,175).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 15:06
L3	6	1 (MTJ with diode).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/03 15:07
L4	7	("5793697"   "6072718"   "6272041"   "6335890"   "6418046"   "6421270").PN. OR ("6909628").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/03 15:08
L2	82	1 (MTJ with diode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/03 15:09